

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 4, 2013

For the Period: 09/05/13 to 09/23/13 (13-248 – 13-266)

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SCIENCE

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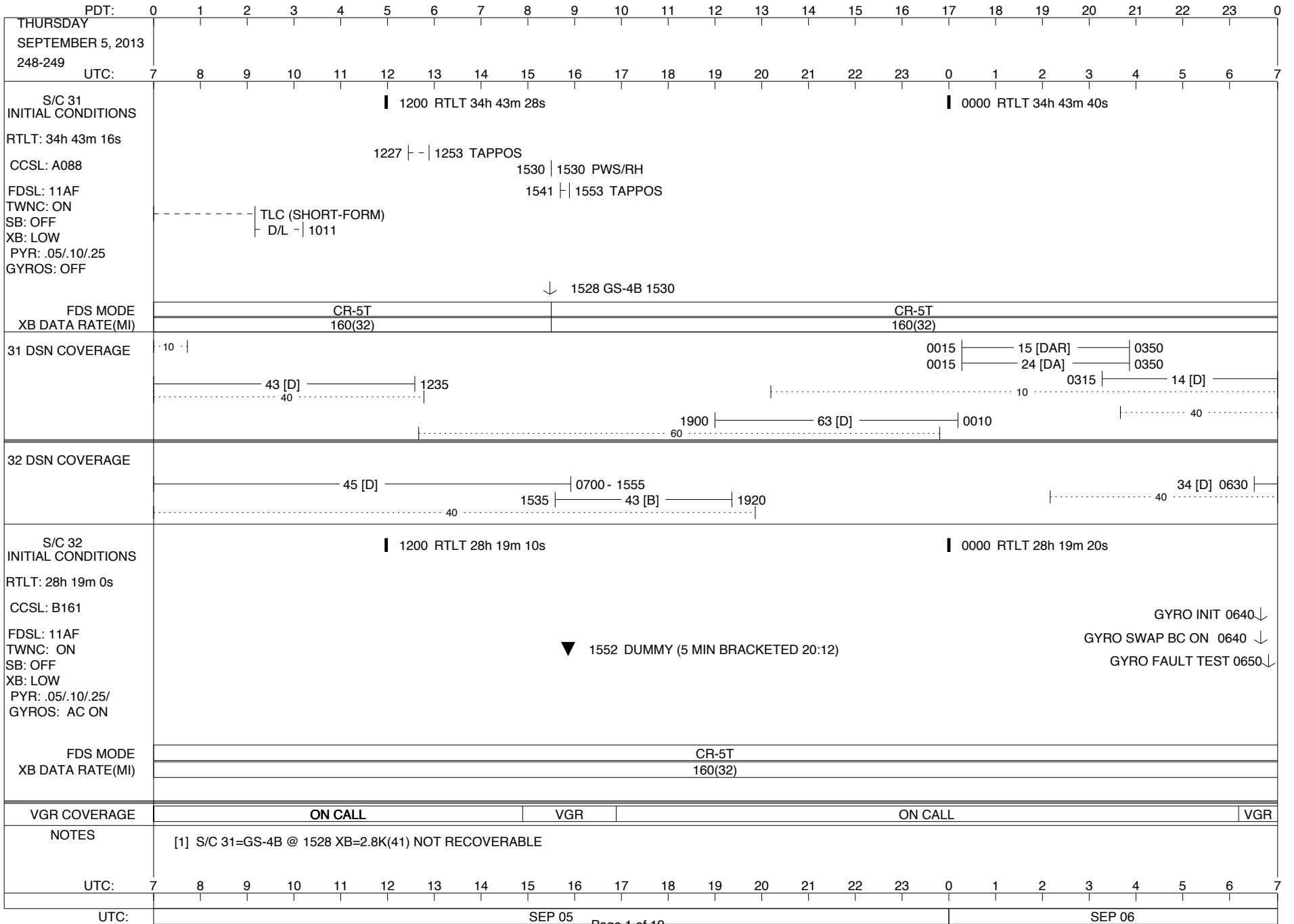
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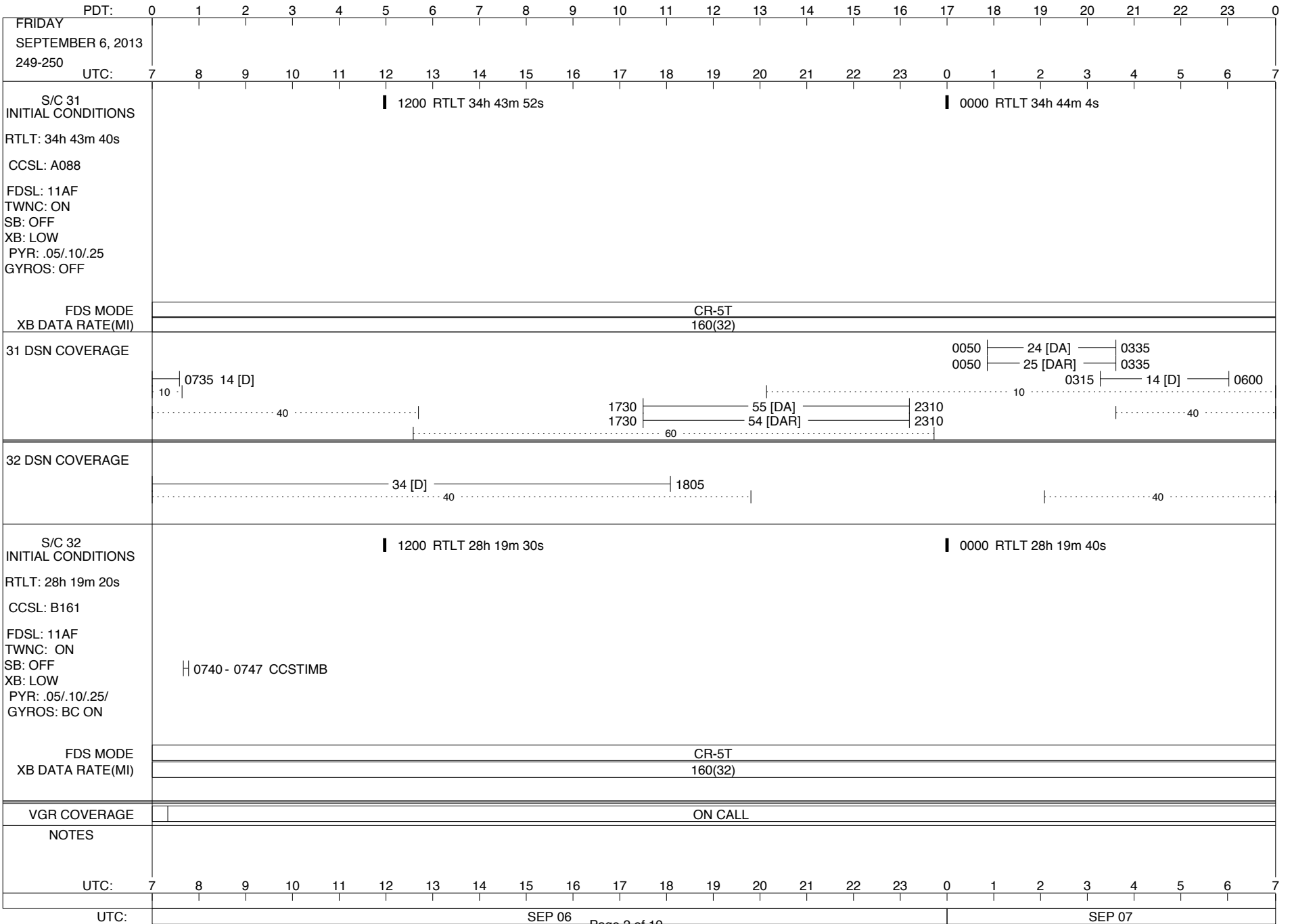
LEGEND: ∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10

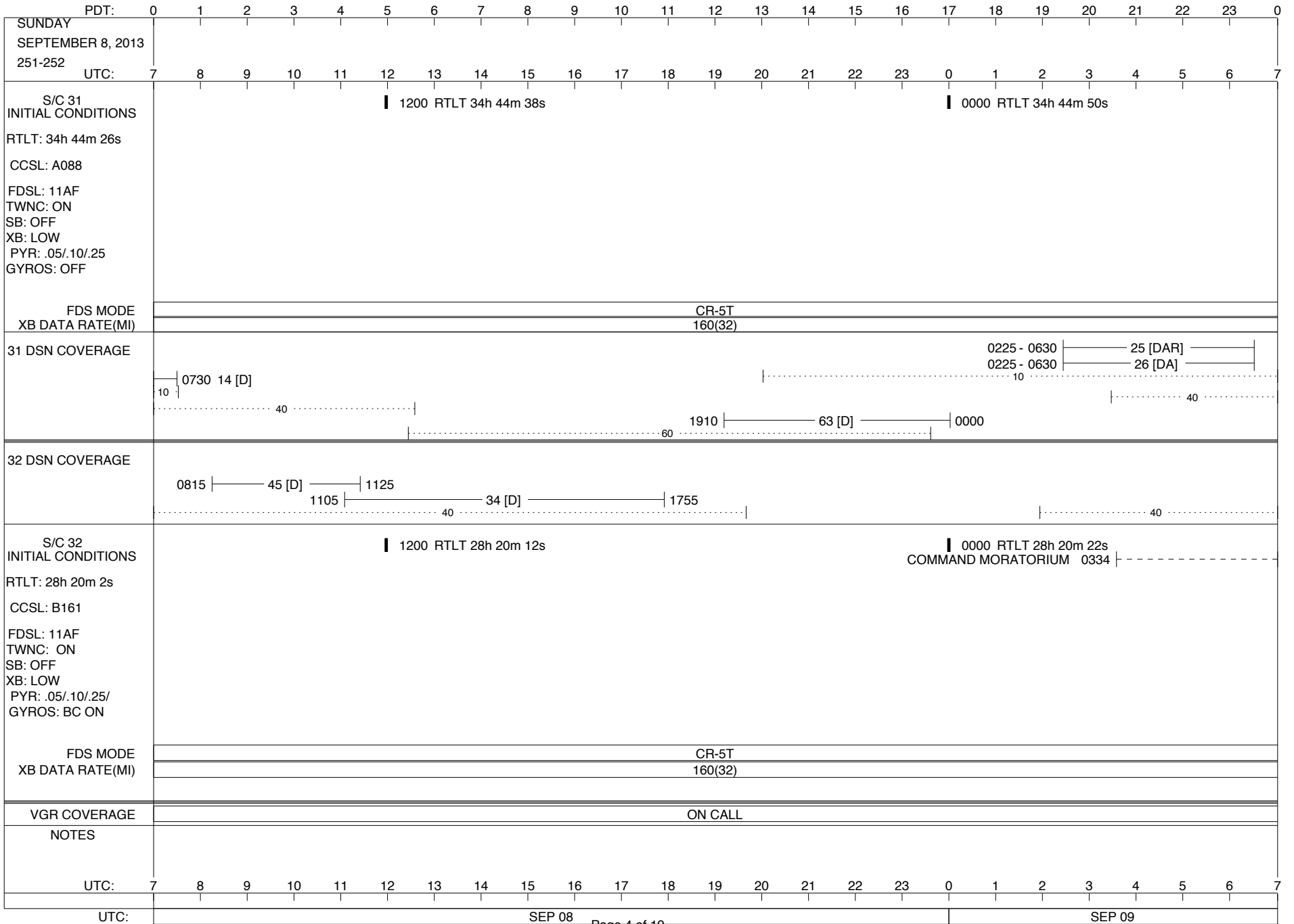
ISSUE DATE: 09/04/13 17:10

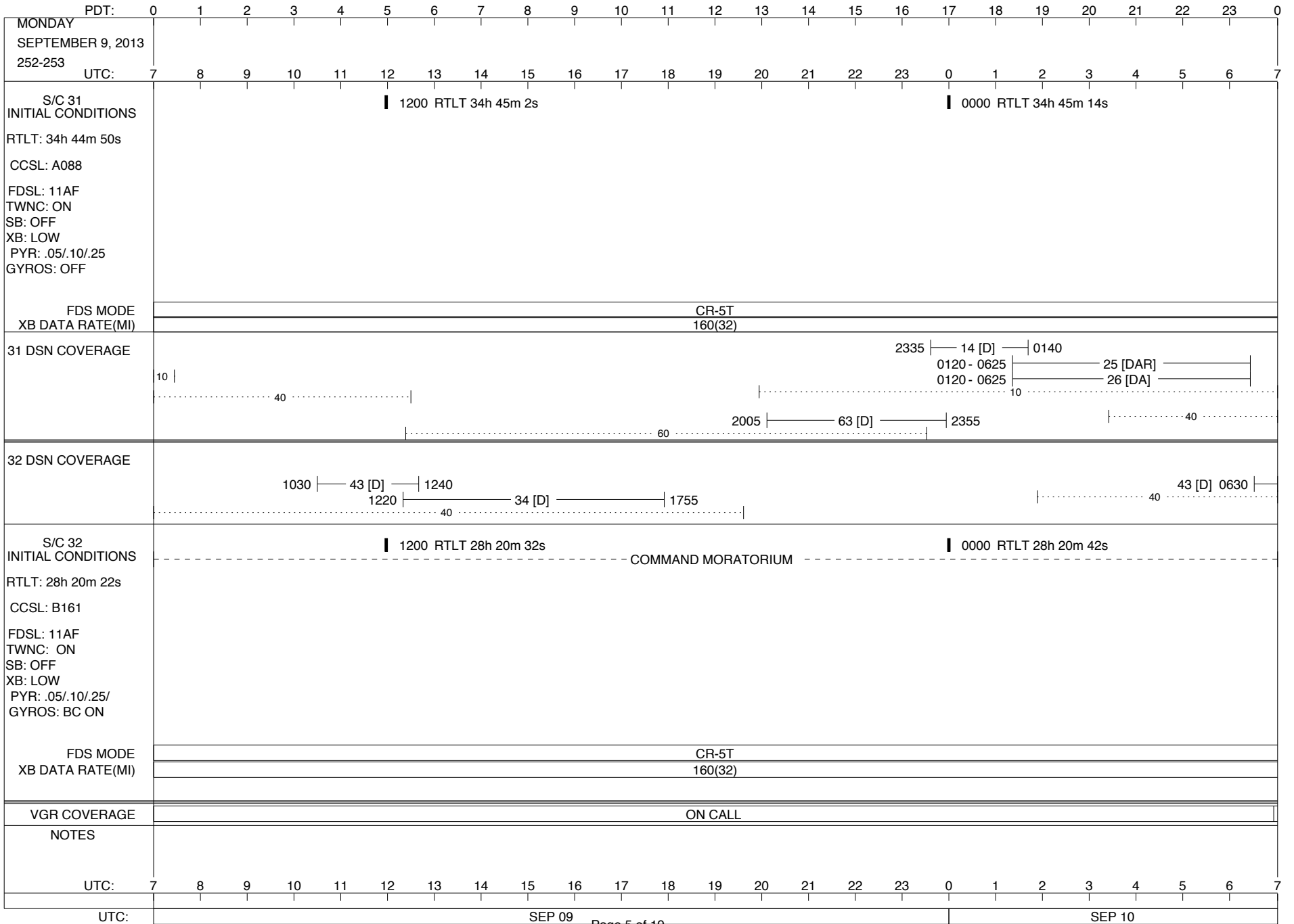


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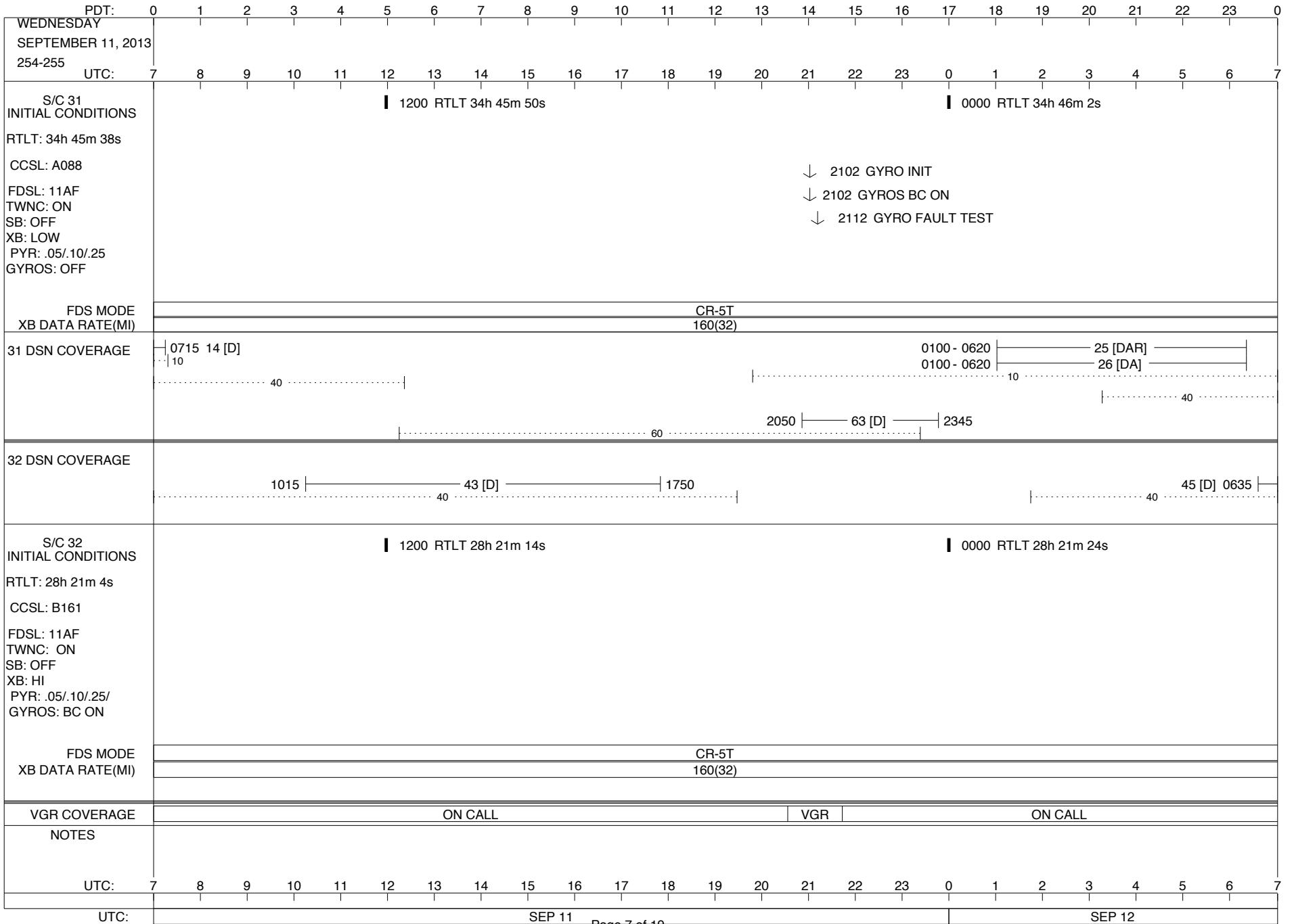




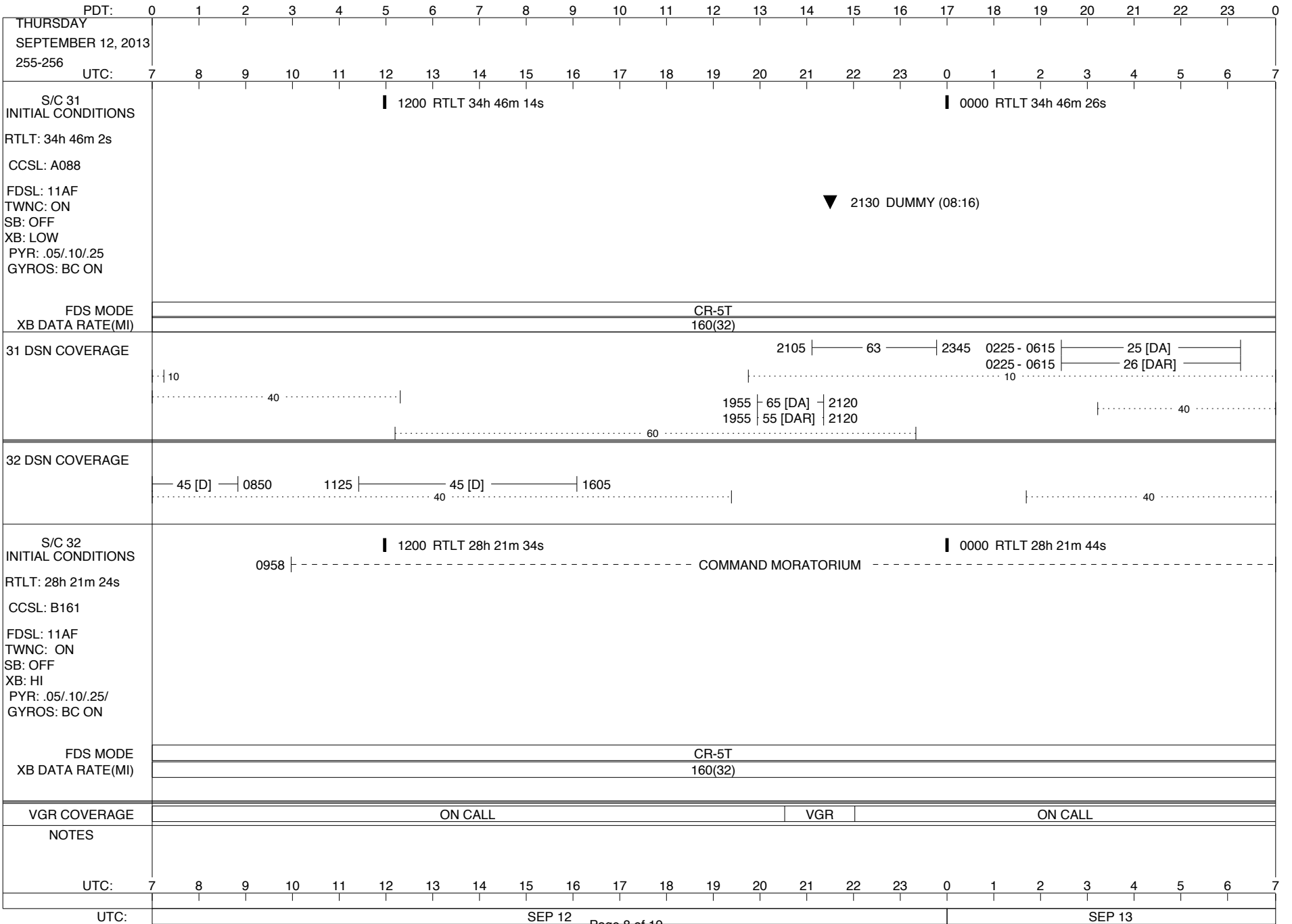
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S/C 31 INITIAL CONDITIONS RTLT: 34h 45m 14s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 45m 26s												0000 RTLT 34h 45m 38s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 28h 20m 42s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: BC ON	1200 RTLT 28h 20m 52s												0000 RTLT 28h 21m 4s												
	COMMAND MORATORIUM ----- 0308																								
	↓ 0725 BAY 1 HTR OFF ↓ 0729 X/B HI POWER ↓ 0757 ALL DB=.05 ↓ 0813 AAI 0813 --- 0851 ASCAL ↓ 0848 RAI ↓ 0851 CRU ↓ 0859 ROLL=.25 ↓ 0901 GYRO FAULT TEST ↓ 0741 ↓ 0854																								
FDS MODE	EL-40												CR-5T												
XB DATA RATE(MI)	40(30)												160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0517 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32 - D/L /SNR VARIATIONS EXPECTED DURING ASCAL (0813-0850) [3] S/C 32=EL-40 @ 0741 XB=40(30)																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	SEP 10												SEP 11												

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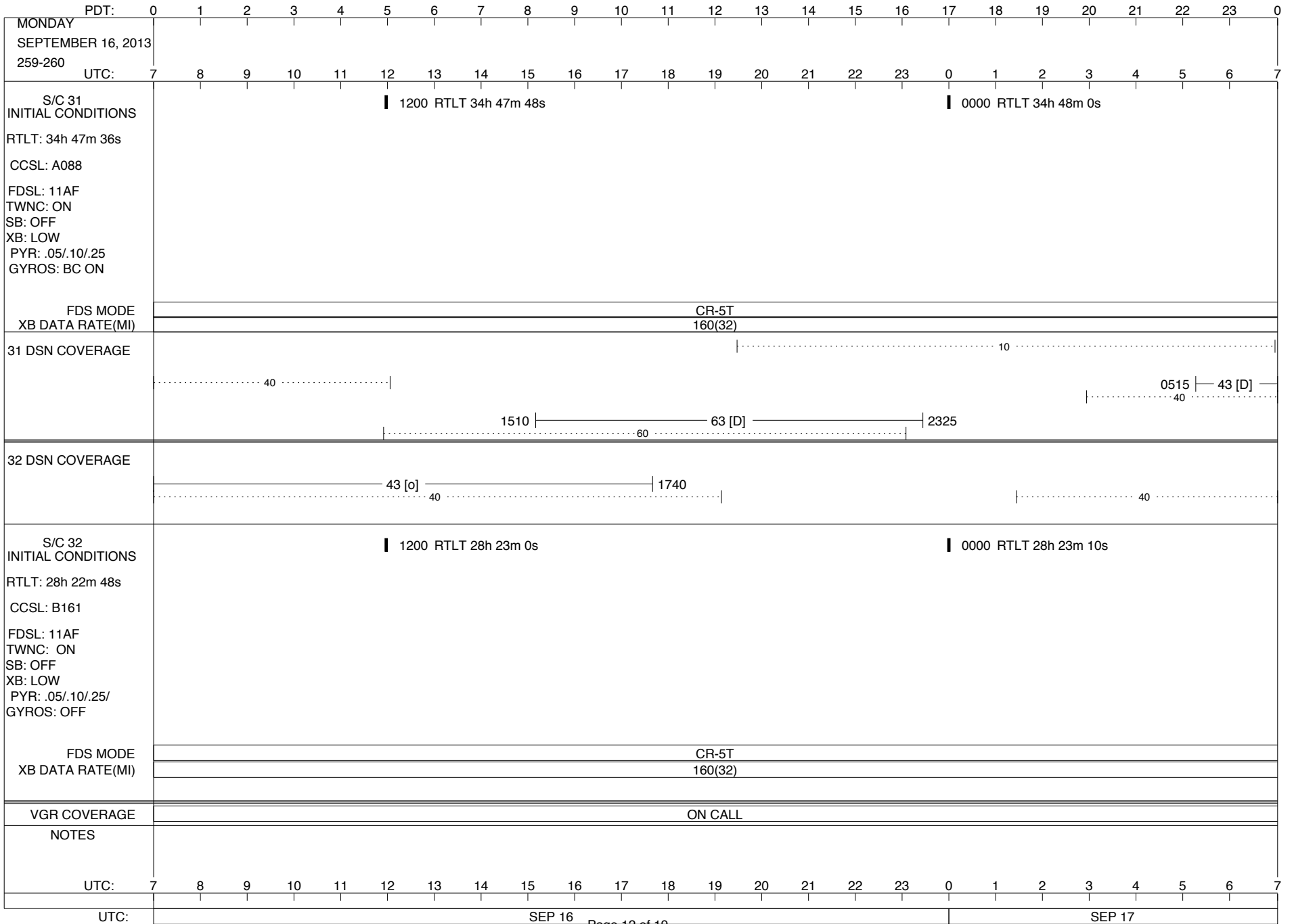
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FRIDAY SEPTEMBER 13, 2013 256-257																													
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 46m 26s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON		1200 RTLTL 34h 46m 38s														0000 RTLTL 34h 46m 50s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS RTLTL: 28h 21m 44s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: BC ON		1200 RTLTL 28h 21m 56s														0000 RTLTL 28h 22m 6s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)														CR-5T 160(32)													
VGR COVERAGE		VGR														ON CALL													
NOTES		<p>[1] S/C 31=GS-4B @ 1130 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0754-1349)</p>																											
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
UTC:		SEP 13														SEP 14													

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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
SATURDAY SEPTEMBER 14, 2013 257-258	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 34h 46m 50s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 47m 0s												0000 RTLT 34h 47m 12s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	0705 14 [D] 10												2350 25 [DAR] 0605 2350 26 [DA] 0605												
32 DSN COVERAGE	0855 45 [D] 1735												0425 43 [o]												
S/C 32 INITIAL CONDITIONS RTLT: 28h 22m 6s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 22m 16s												0000 RTLT 28h 22m 28s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	0934 COMMAND MORATORIUM																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	SEP 14												SEP 15												

PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
SUNDAY SEPTEMBER 15, 2013 258-259	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 34h 47m 12s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 34h 47m 24s												0000 RTLTL 34h 47m 36s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	10 40												0305-0655 14 [D] 10 40 1915 63 [D] 2330 60												
32 DSN COVERAGE	43 [o] 0900 1245 34 [D] 1730												43 [o] 0635 40												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 22m 28s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 22m 38s												0000 RTLTL 28h 22m 48s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1430 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	SEP 15												SEP 16												

ISSUE DATE: 09/04/13 17:10



PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
TUESDAY SEPTEMBER 17, 2013 260-261	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 34h 48m 0s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 34h 48m 12s												0000 RTLTL 34h 48m 24s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	43 [D] 1145												2330 - 0650 14 [D]												
32 DSN COVERAGE	1045 34 [D] 1330												1700 43 [D] 1900 0430 45 [D]												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 23m 10s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 23m 20s												0000 RTLTL 28h 23m 32s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0454 XB=2.8K(41) NOT RECOVERABLE																								
UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	SEP 17												SEP 18												

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PDT: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0	
WEDNESDAY SEPTEMBER 18, 2013 261-262	
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7	
S/C 31 INITIAL CONDITIONS RTLT: 34h 48m 24s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 48m 36s 0000 RTLT 34h 48m 46s ↓ 2116 BAY 1 HTR OFF ↓ 2120 X/B HI POWER ↓ 2141 AAI 2144 ----- MAGROL ----- 0340 ↓ 0333 RAI ↓ 0340 GYROS OFF ↓ 0340 CRU X/B LOW POWER 0343 ↓ ↓ 0347 BAY 1 HTR ON
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)
31 DSN COVERAGE	2100 ----- 14 [DA] ----- 0550 2100 ----- 25 [DAR] ----- 0350 40 10 1845 ----- 63 [D] ----- 2015 40 60
32 DSN COVERAGE 45 [D] ----- 1720 40 40
S/C 32 INITIAL CONDITIONS RTLT: 28h 23m 32s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 23m 42s 0000 RTLT 28h 23m 52s -- 0733 PLSCAL · · · · · 0853 - - PESCAL - - 0911
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)
VGR COVERAGE	ON CALL VGR ON CALL
NOTES	[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2144-0340)
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7	
UTC:	SEP 18 SEP 19

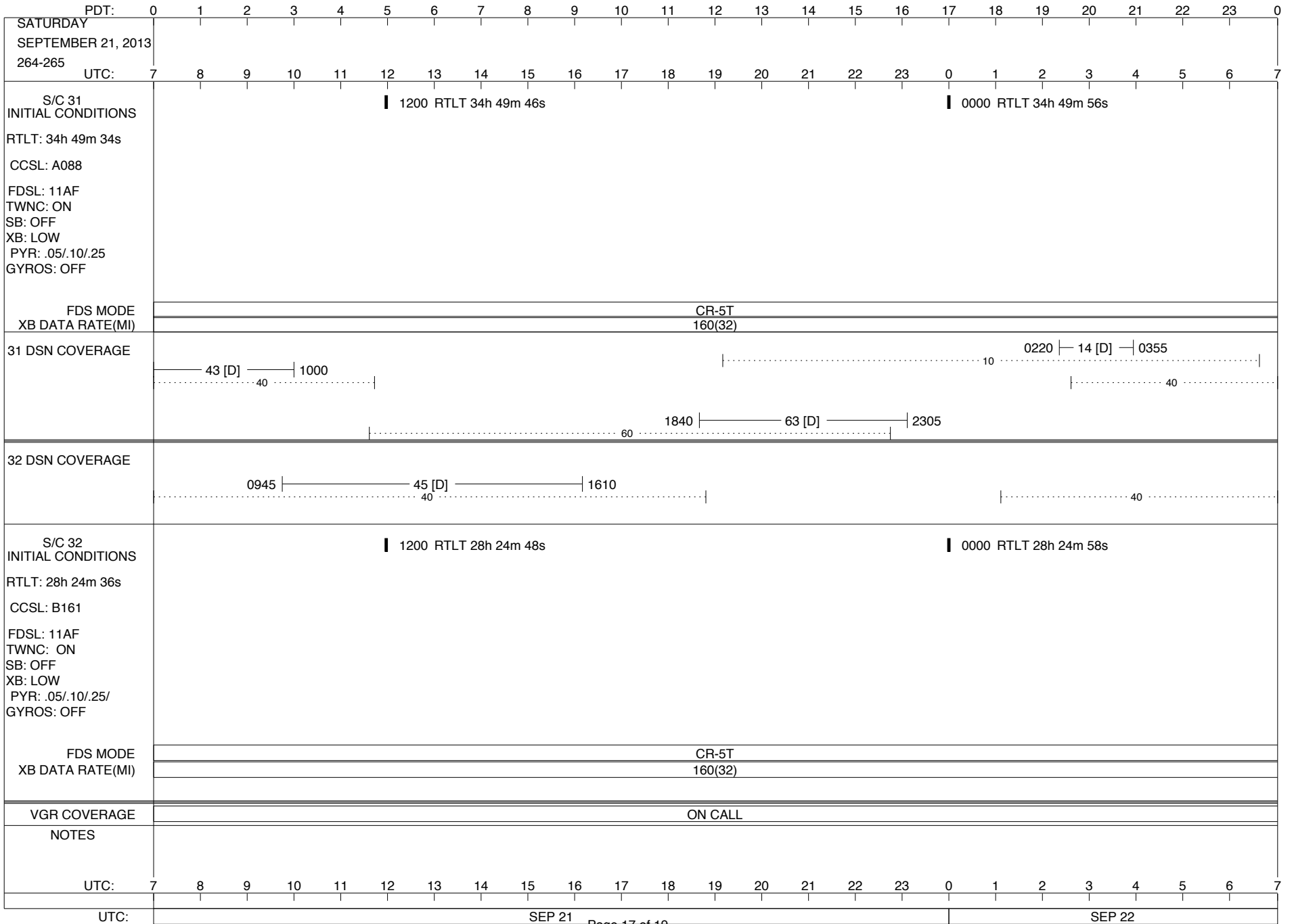
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THURSDAY SEPTEMBER 19, 2013 262-263																										
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 48m 46s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 48m 58s												0000 RTLTL 34h 49m 10s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE40.....											10..... 0315 25 [D] 0545 0315 26 [D] 054540..... 1930 55 [DAR] 2125 1930 54 [DA] 2125													
32 DSN COVERAGE40.....											40..... 0930 45 [D] 1715													
S/C 32 INITIAL CONDITIONS RTLTL: 28h 23m 52s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 24m 4s												0000 RTLTL 28h 24m 14s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL																									
NOTES																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	SEP 19													SEP 20												

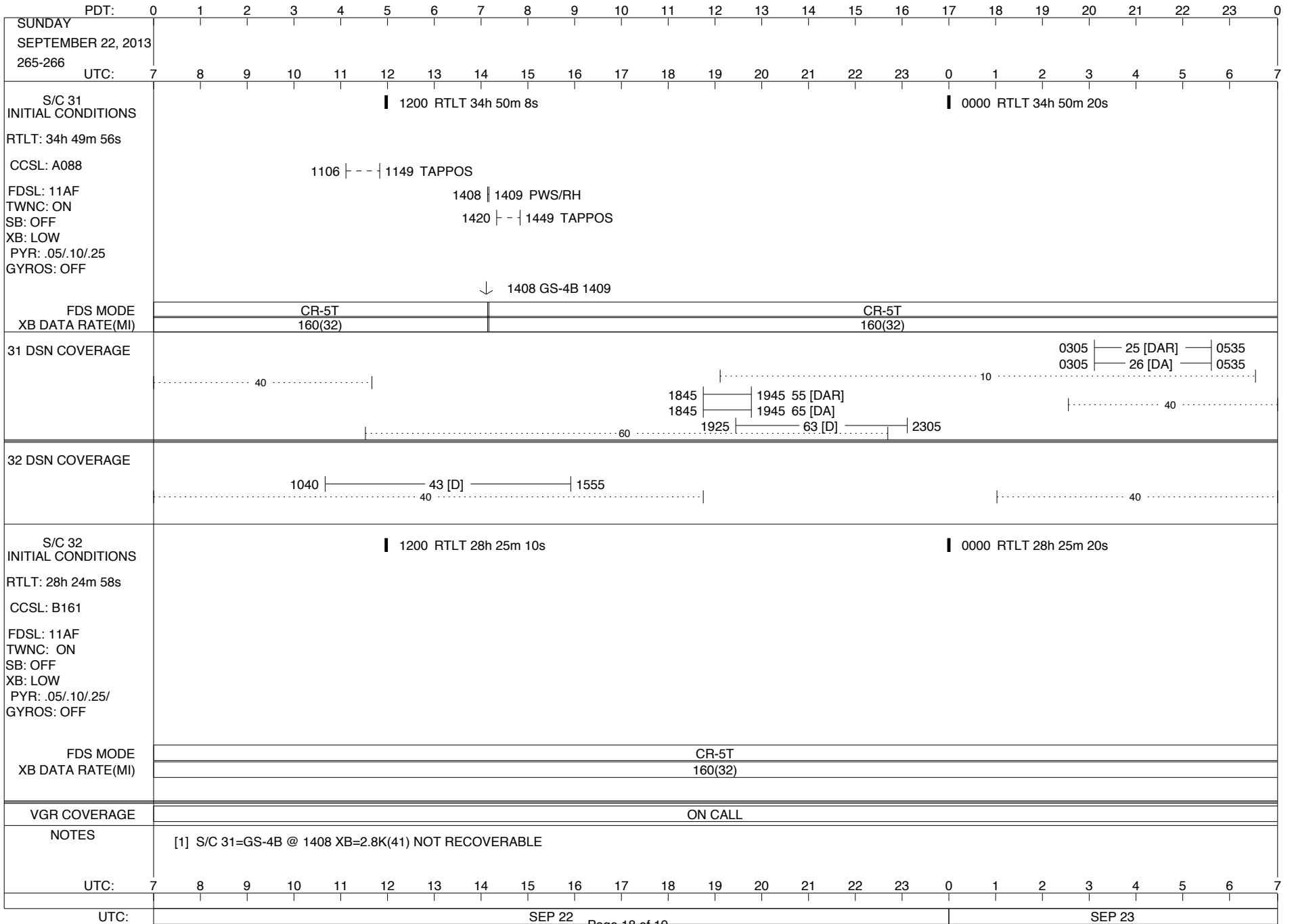
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 49m 10s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 34h 49m 22s												█ 0000 RTLTL 34h 49m 34s												
	0806 --- 0903 TAPPOS																								
	1107 1109 PWS/RH																								
	1120 - - 1202 TAPPOS																								
	↓ 1107 GS-4B 1109																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0915 43 [D] 1140												1910 63 [D] 2310												
	40												40												
32 DSN COVERAGE	1105 45 [D] 1245												1725 40												
	1225 43 [D]																								
	40																								
S/C 32 INITIAL CONDITIONS RTLTL: 28h 24m 14s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 28h 24m 26s												█ 0000 RTLTL 28h 24m 36s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1107 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	SEP 20												SEP 21												

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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
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S/C 31 INITIAL CONDITIONS RTLT: 34h 50m 20s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 50m 32s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>.....40..... </p> <p>.....60..... 1820 -----63 [D] ----- 2300</p>																										
32 DSN COVERAGE	<p>0905 -----34 [D] ----- 1700</p> <p>.....40..... </p>																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 25m 20s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 25m 32s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
VGR COVERAGE	ON CALL																										
NOTES																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
UTC:	SEP 23													SEP 24													